USER'S MANUAL

MUSICV/MEDIAV

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VISONOS

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1 Overview

The Visonos System

Visonos is the new media center that can play digital contents in HD while allowing access to Internet content (radio, music, videos, news, etc…).
In addition, Visonos can be used as a control centre for the house, allowing full control of lights, blinds, air conditioning, alarms and surveillance cameras. It needs only some intelligent system installed in the house.
Visonos is a fully IP-based system and allows easy control from a simple remote control or from any computer connected to the network, tablet or mobile devices as well Apple's i-Pad, i-Pod or i-Phone. You only need a wired or wireless network to start using Visonos.

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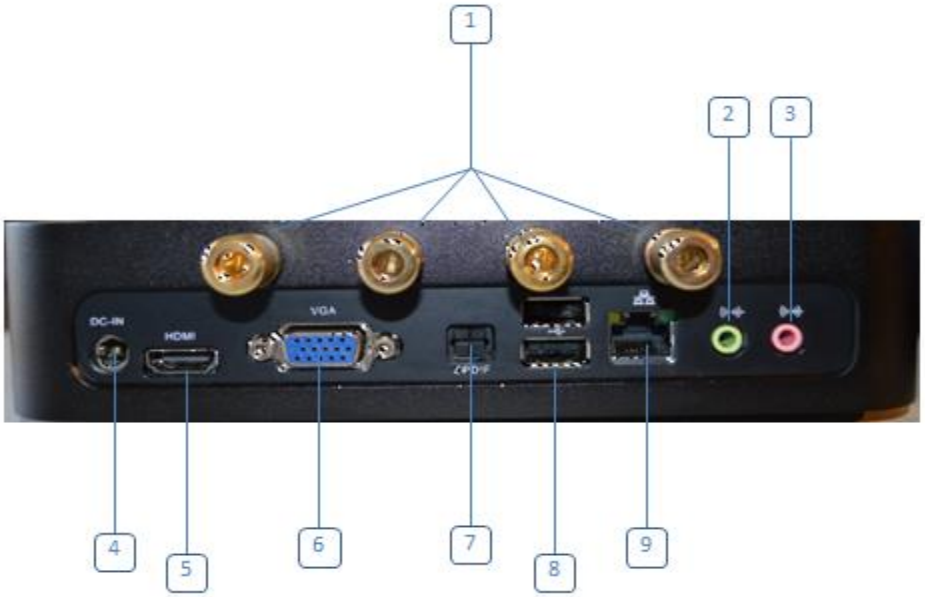
2 Installation



1. Speakers
2. Line Out
3. Microphone
4. Power
5. HDMI
6. VGA
7. SPDIF
8. USB
9. Ethernet 10/100/1000

First steps:

1. Connect MediaV to your TV or AV receiver using HDMI/VGA cable.
2. If you want, you can connect the audio output to your HiFi system using ANALOG/OPTICAL cable.
3. If you want to connect speakers directly to MediaV, you can use audio cable to spring binding posts L+R stereo.
4. Connect to the router or switch using a CaT5e/Cat6 cable.
5. Connect to the power.
6. Push ON/OFF button placed in the front of your MediaV.

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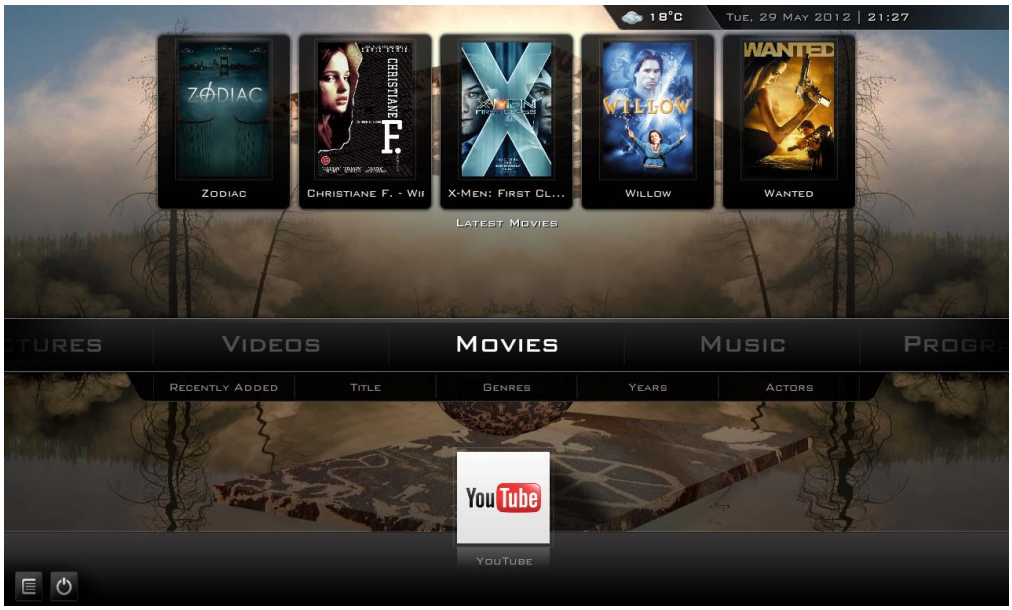
Network setting:

(Note: A USB keyboard and mouse are mandatory)

MediaV gets its network address via DHCP by default. You can configure it with a static IP address.

When MediaV has started you will see following screen:



Move to the programs menu and select Launcher. The Network Settings screen appears. Select the network that you have installed (wired, wireless) and configure the IP parameters.

If you configure a static IP you must be sure that IP is in the router's range. An example of this configuration it would be:

Static IP: 192.168.1.50
Mask: 255.255.255.0
Gateway: 192.168.1.1
DNS: 192.168.1.1 (Usually your router will automatically assign DNS)

If you have purchased our WiFi accessory for MediaV then you must configure your wireless connection in the settings. You must enter the password for your router or wireless access point.

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3 Starting with MediaV

To continue you must use a keyboard or "Remote Control" app on your Tablet/Smartphone. To see how to select the "Remote Control" see sections 5 and 6 of this manual.

The first time you turn on your MusicV or MediaV that is connected to your TV you will see a menu that shows the different options the system offers. You can move around the menu using the left/right buttons. The menu has the following options: (see fig.1):

-Weather
Shows online weather information of the destinations the user has configured.

-Images
Display images that are stored in your network.

-Video
You can playback all the video media files, like TV series, films or homemade videos.

-Films
Shows the commercial films you have stored.

-Music
In this option you can playback the music you have stored in the network.

-Software
This option lets you execute specific programs like a web browser, network settings, games, RSS news feeds and others.

-System
This option lets you configure all the options of your device. Go to the Settings section for more information.

Inside these options you can access more options with the down arrow key in the keyboard or on the remote control app. All these options let you access your stored files, music or videos, directly, or access the configuration settings.
You can also access the latest films you have added, your most used software and other options if you have set the options accordingly to have a direct access from the main menu.

(NOTE: You always move around the options using the direction keys on the keyboard or the Remote Control app.)
Move around the options to get to know your way around.

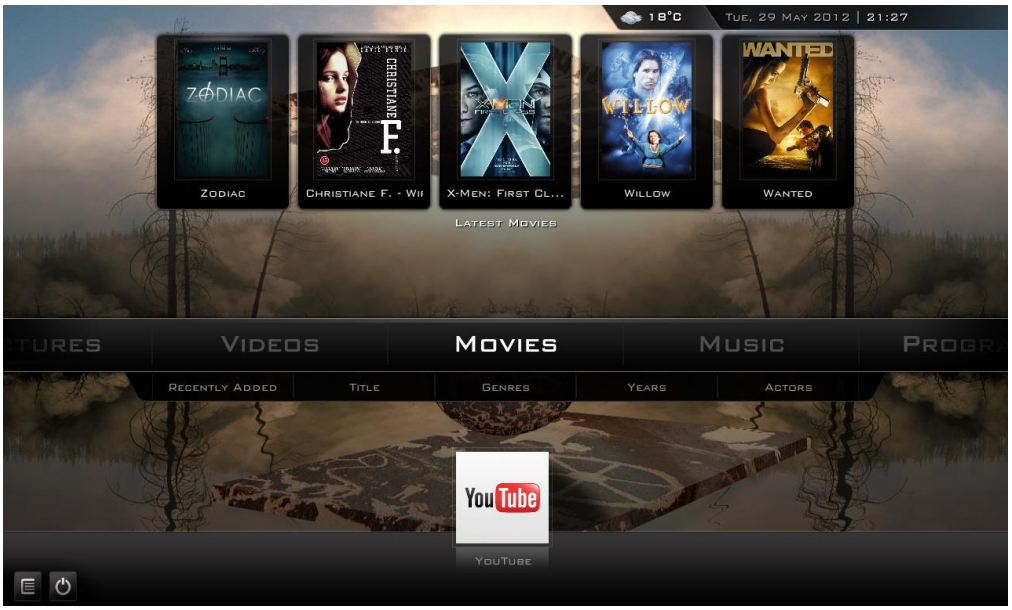

Fig.1

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How to add sources

One of the first operations you should do when you first connect your Visonos is to add the sources from which you will access your files (photographs, music, films or TV series). You need to understand how the system works to correctly configure it. This is possibly, the most difficult part for beginners.

Visonos can share and access files on your home network (IP). Our player MusicV or MediaV can access and playback any file that is stored and shared in any device that is connected to your network. You can listen to music that is stored in any desktop or laptop connected to the network, you can also access media that is on the internet (YouTube, Spotify...) Visonos also offers network storage devices that allow you to copy and store your CD, DVD and Blu-ray collection very easily – insert the disc in the device and the Visonos ripper, MusicVr or MediaVr, will create a copy – which will let you enjoy the content using tablet.
In Visonos each device which stores multimedia is called a source. A source can be a folder in your laptop or the music and video folders in your storage devices MusicVr or MediaVr.
To add these sources to your device you must select the option Files in the music or video menus. To add music sources you have to select the "Add Source" option, to add videos you have to select the "Add videos" option. (Fig.2)

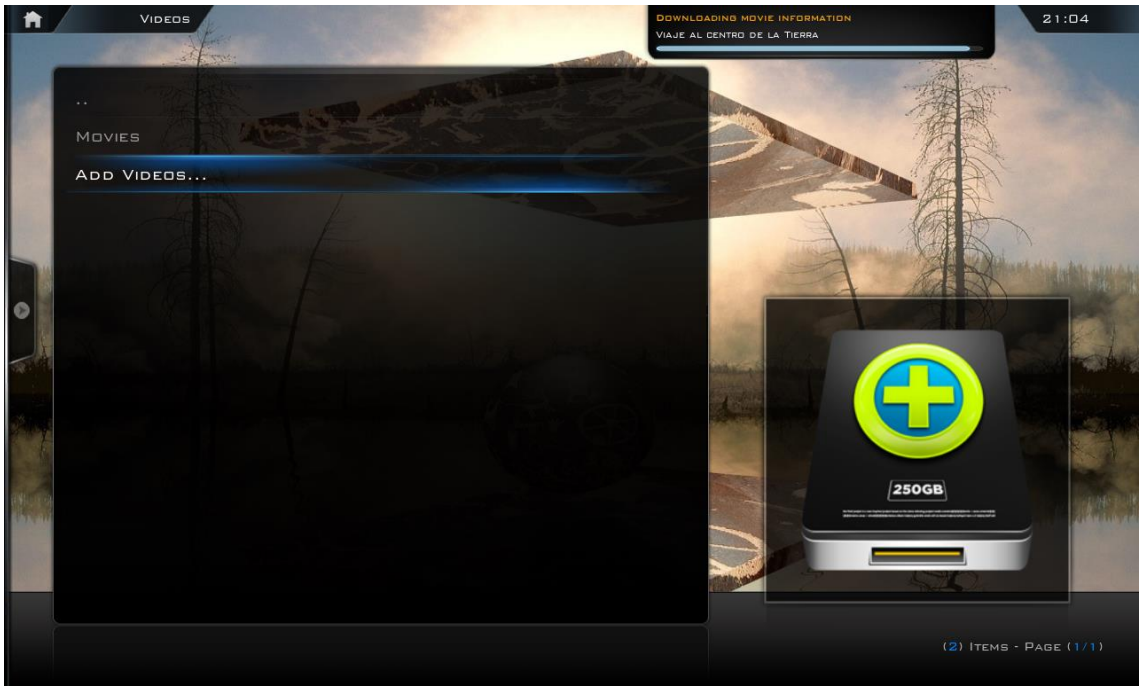

Fig. 2

A window will open where you will be able to browse through your network to find the sources (Fig.3). You can write the route directly if you know where the files are stored in the text box.

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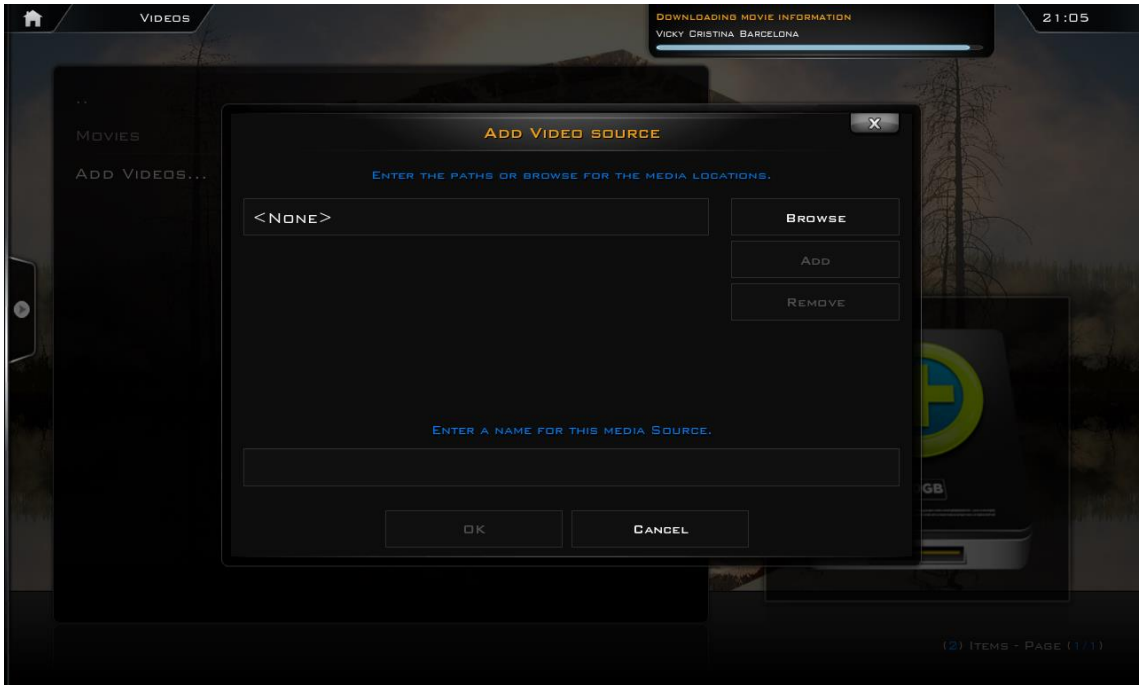

Fig. 3

If you do not know the route you can select the browse button to find your sources. When you select browse a list of options will be shown. Visonos lets you search in different ways and using different network protocols. You will usually be able to find your sources if you select Windows network (SMB). Your Windows Workgroup will show, usually called WORKGROUP, unless it has been modified by the network administrator. If you select the workgroup, the list of shared devices will appear. Select the device that has the content you want to access. Select OK to continue. To select OK you must press the left arrow button. (Fig.4)

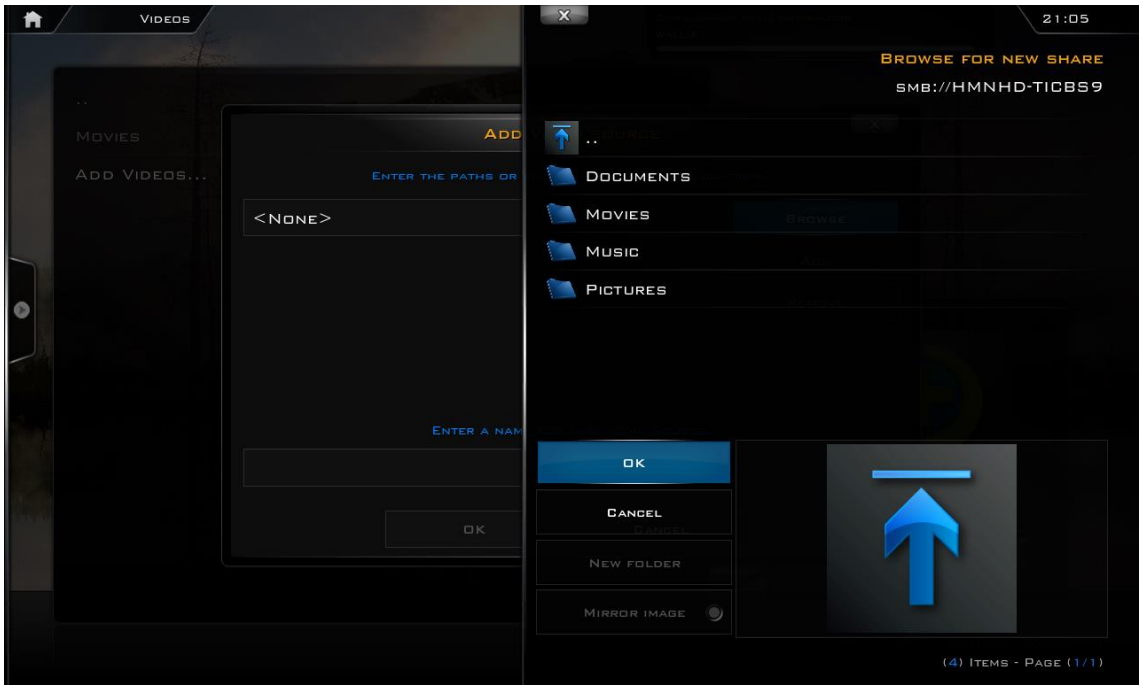

Fig. 4

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If you are adding video files, you will be shown a new window where you can select the type of media you are adding – music videos, films, or TV series- (Fig.5). On the right hand side you will see the active servers where you can search for content. Select the automatic search option and the recursive scan option so that the search can begin in the root folder and subfolders. Select OK and Visonos will add the found content to your library.

Fig. 5

When you first add new video content to the system a new menu will show called “Movies”. This a Visonos feature that lets the users distinguish between commercial films and homemade videos (there are no Internet servers with homemade videos metadata). Anyhow, the user can choose to maintain both menu options or to hide one of them. This can be done in the configuration menu, which can be consulted in another chapter.
When you are adding music to your library, you do not need to go in the server selection window. Press OK in the bottom of the window and the source will be added automatically and you can continue on to the next step.
You now have Access to your source of files. Highlight the source and press the “Menu” button on your remote control app or the C button in your keyboard or right click with your mouse. You will see a new contextual menu with different options. (See Fig.6)

In movies the options are:

Play
Add to favourites
Edit source
Remove source
Choose thumbnail
Add source
Set Content

Take note that this menu appears when you add a new source. If you selected the automatic scan in the previous step, you will not need to use this menu as Visonos will be searching for new content when you add a new source.

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If the content is music the options are slightly different:

Edit source
Make default
Remove source
Choose thumbnail
Add source
Add to favourites
Scan item to library
Settings

Select “Scan item to library” to browse new content in the source.

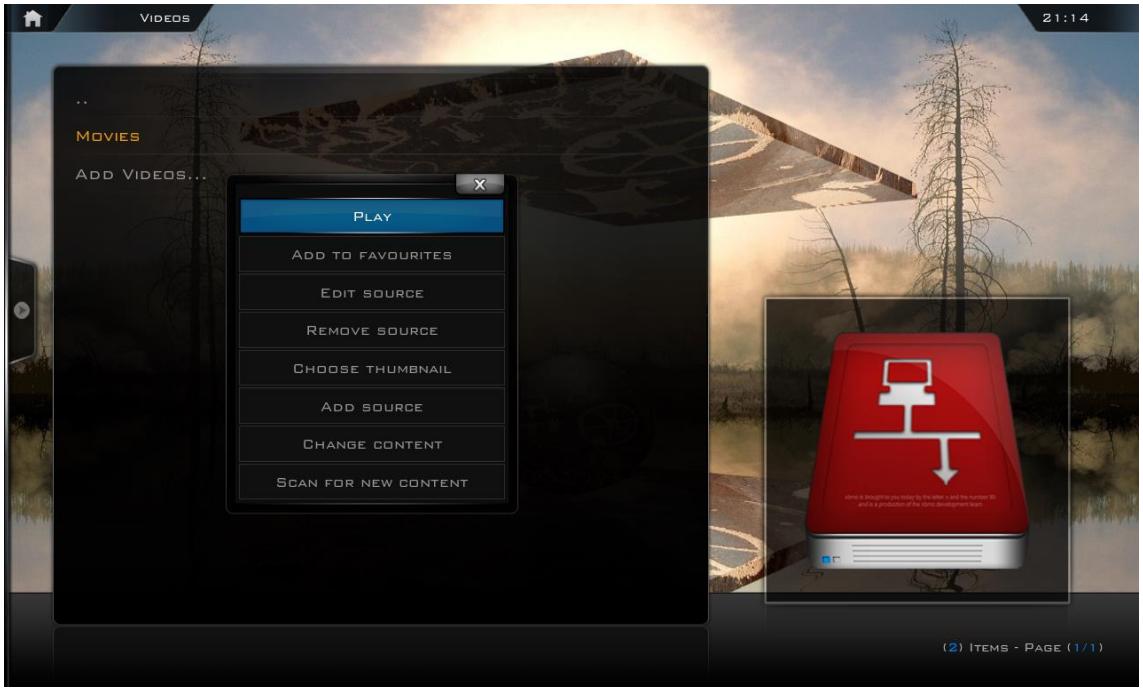

Fig. 6

Once you have added the sources and browsed the content, you will add new content (each time you add a new video or CD in the MusicVr or MediaVr). You will have to update your library to include the new metadata. You can do this highlighting the source with the new content and pressing the “Menu” button on your remote control app, or pressing “C” on your keyboard or right clicking with your mouse. A new contextual menu will show, where you can select “Scan Item to library” if you are adding music or “Scan for new content” if you are adding videos (See Fig.6).
Visonos server Directory structure

IMPORTANT NOTE: if you have a Visonos MediaVr in your network, this server will store the films in the MediaVr/movies/MoviesOK folder. This is the folder you have to scan to add new content and update your library.

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Change the on-screen view with the context menu

Pressing the left arrow when you are in a content submenu, the view and search menu will show (See Fig.7).

In this menu you can choose how to view the file lists. For example, you can choose the thumbnail view and your films will appear as a grid of cover images and you will be able to browse through them and select anyone.

You can also set in which order the content will be shown (by name, year, in ascending or descending order…). You will also be able to filter the contents to make a finer search

This menu has a search option. This option is very interesting with large libraries. If you know the title or any detail of the CD or film that you want to play, you can write it with the on-screen keyboard and the system will show the content that matches.

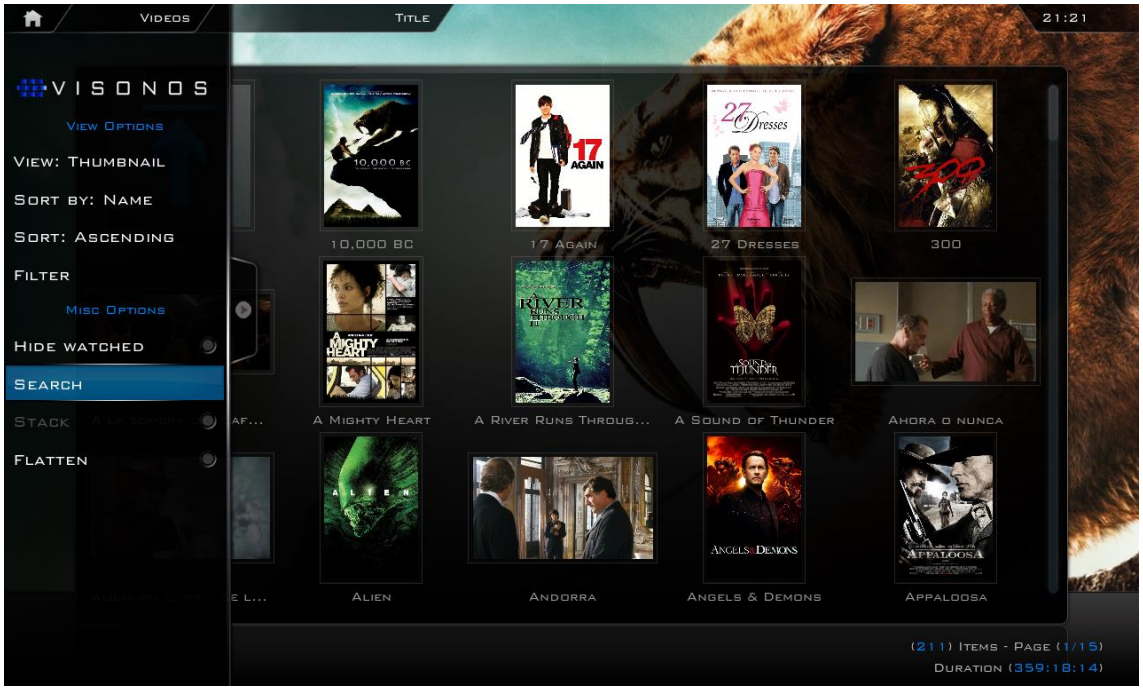

Fig. 7

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Controls during playback

You can do fast forward, rewind, pause or resume any content that is playing. To do this press the M key on your keyboard or the menu icon of the wireless remote control (see sections 5 and 6)

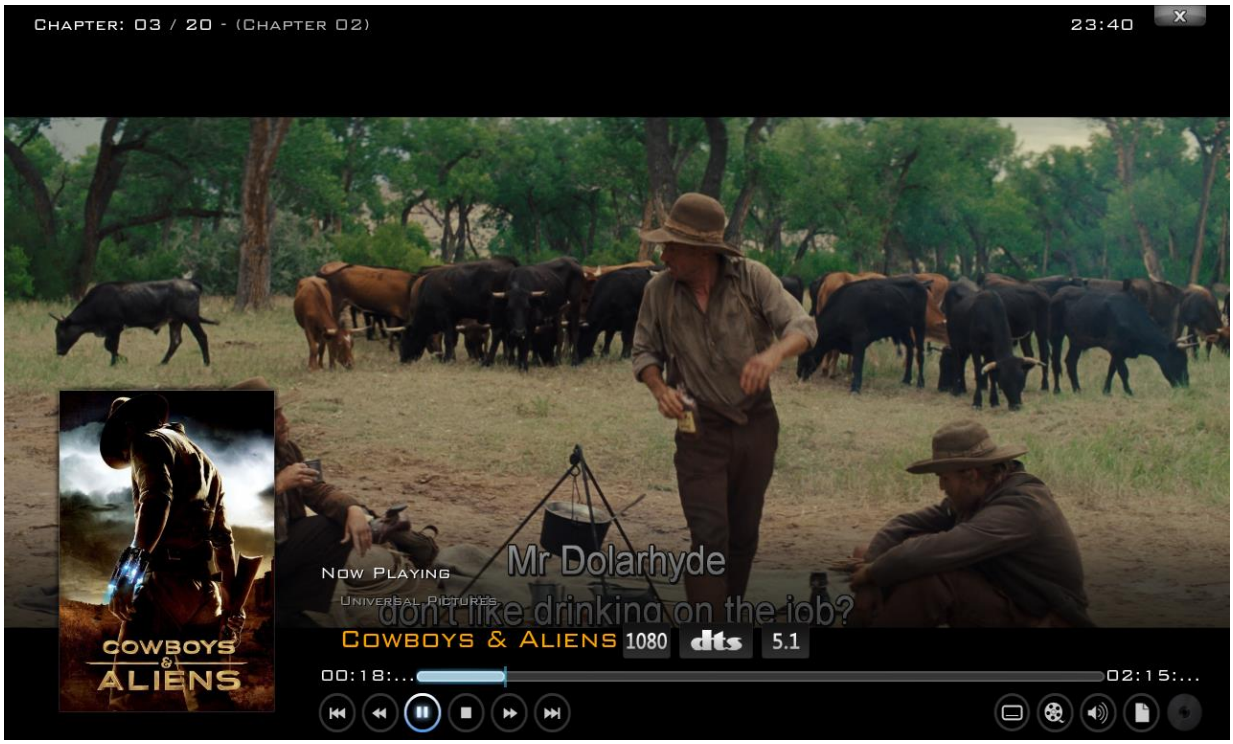

Fig. 8

Other options of this menu are audio, subtitles and video settings

Video settings pop menu:

Fig.9

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Audio and subtitles pop menu screen:

Fig.10

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How to display the weather

Another feature of your MediaV is to display weather in your country. The system collects online information on the Internet about the weather. You can select one or more locations to display.

Select Weather option on the main menu. The following screen appears:

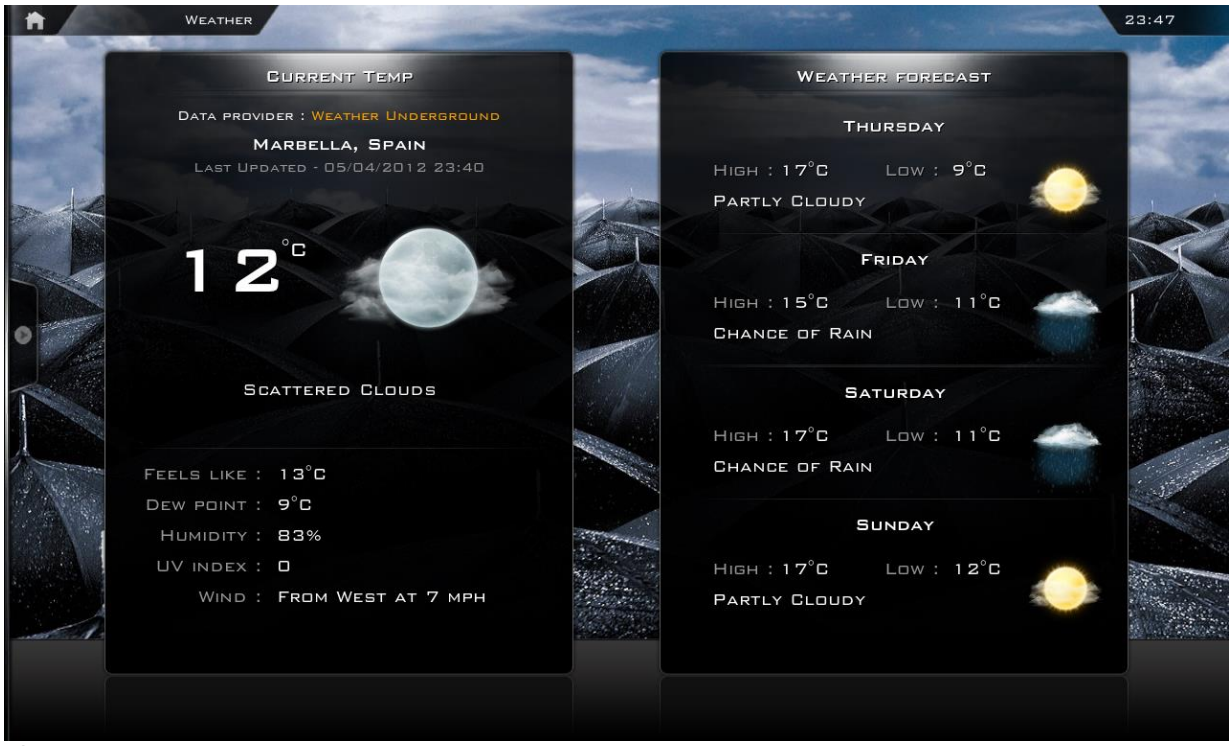

Fig. 11

Display locations can be configured into the main menu item SYSTEM. These details are explained in section 4 of this document.

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4 Playlists

Visonos allows creating playlists in a simple way. You can select a specific playlist or you can create smart playlists divided by year, genre, artist or any other criteria.

In order to create playlists select music/library on the main menu. Then select playlists option.

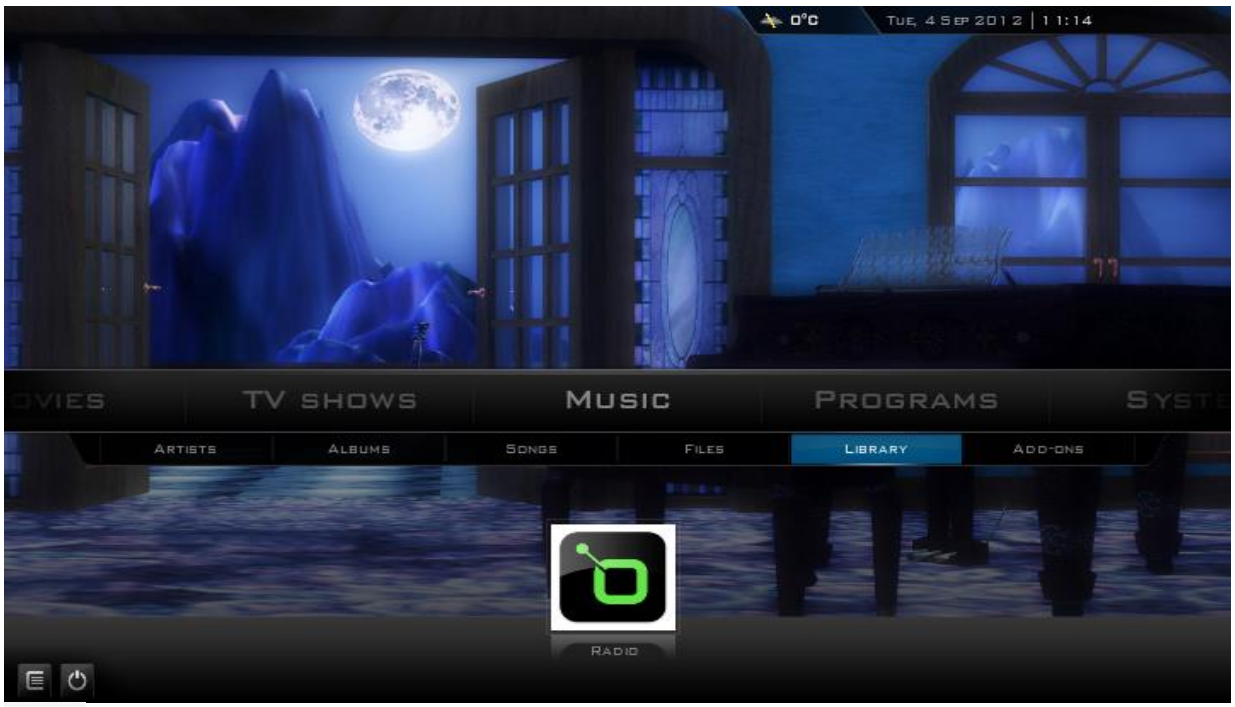

Fig. 12

A new screen appears containing all playlists. At the end of the list you will find two options: New Playlist… and New Smart Playlist… The first option allows creating customized playlists and the second allows creating Smart playlists using filter and other options.

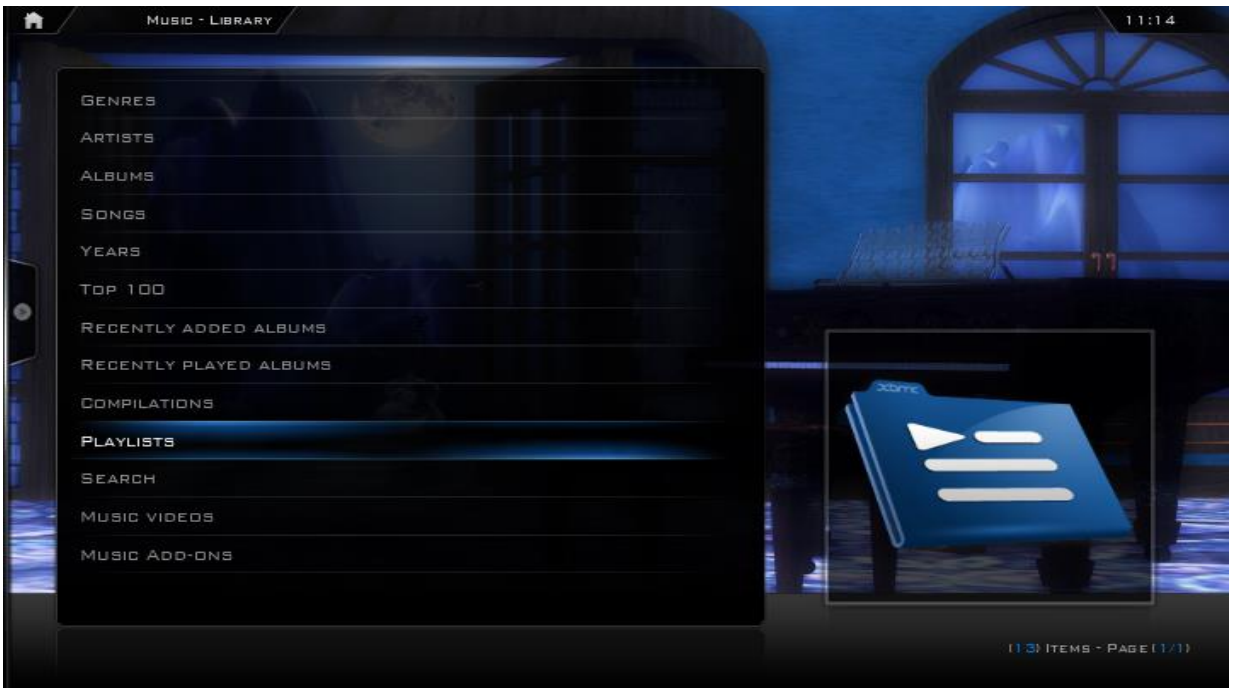

Fig. 13

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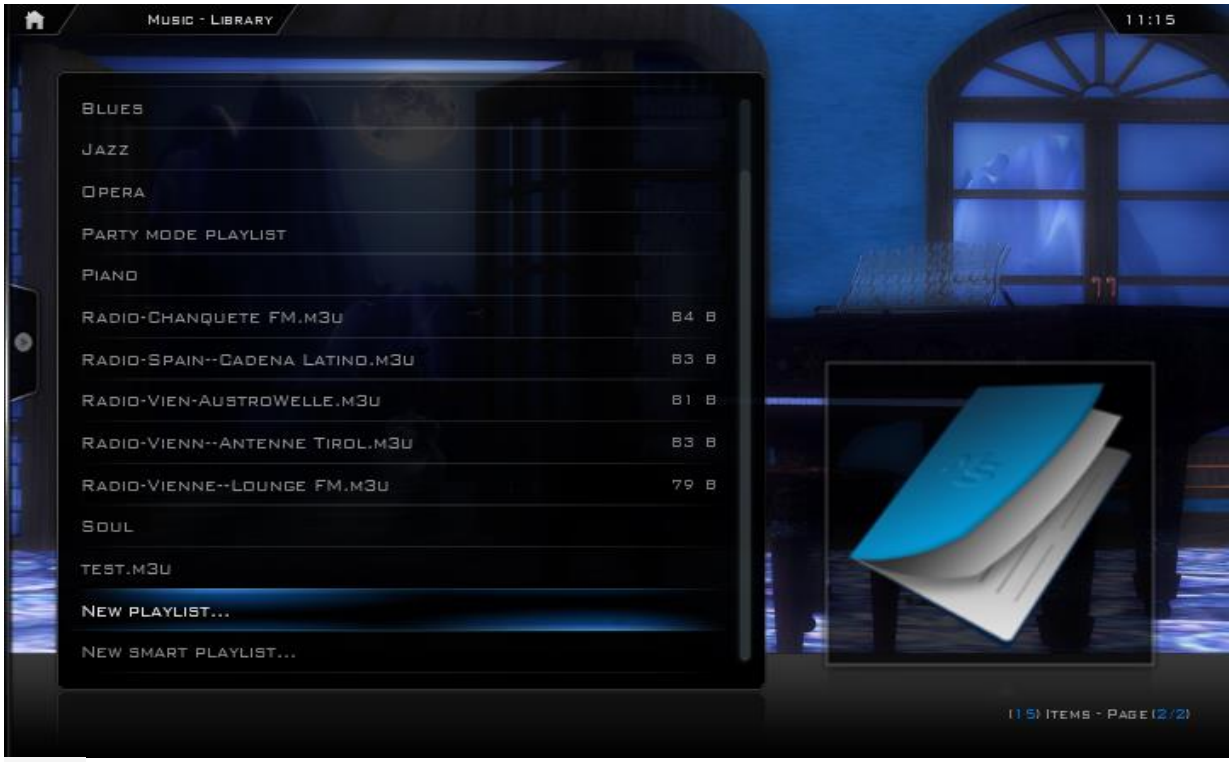

Fig. 14

In order to create a customized playlist select “New Playlist…”. Next screen will appear:

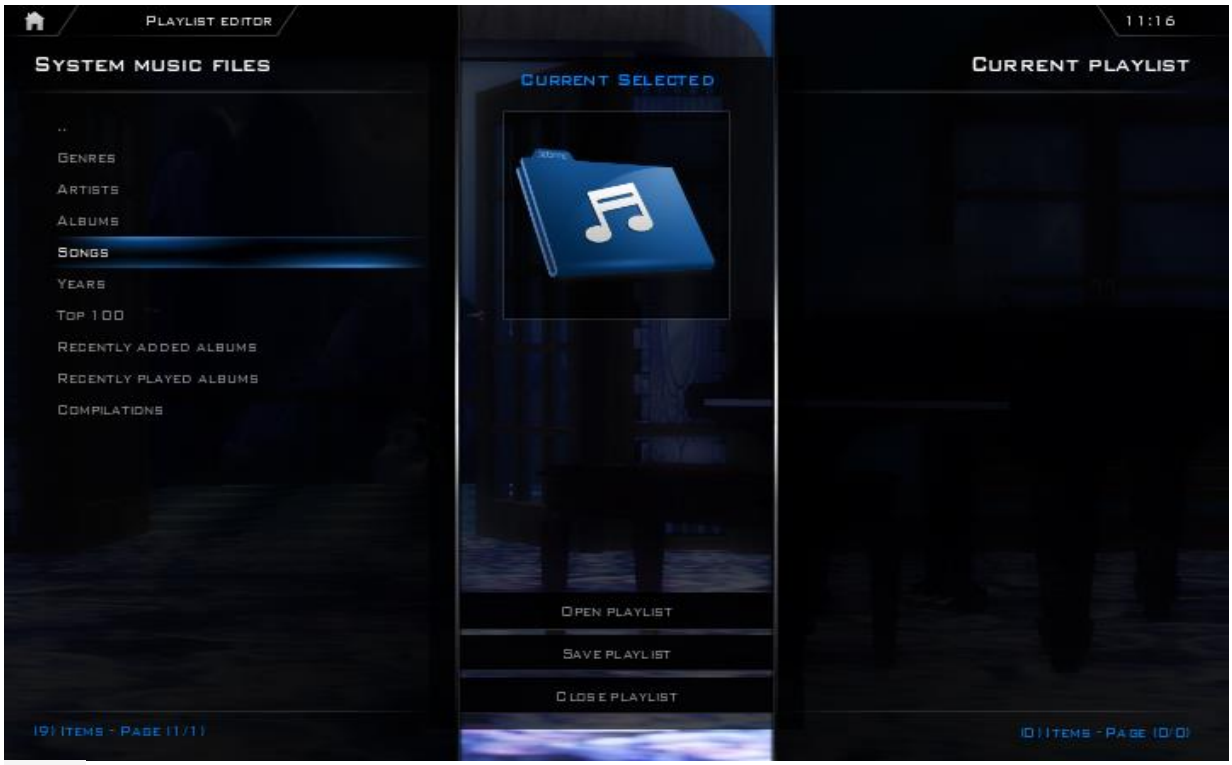

Fig. 15

This screen has three different areas. On the left you can select the music that you want to add to the playlist. In the center you can see information of the selected music and also select options to open / save / close playlists. On the right are different songs or albums that you have selected to be part of the playlist.

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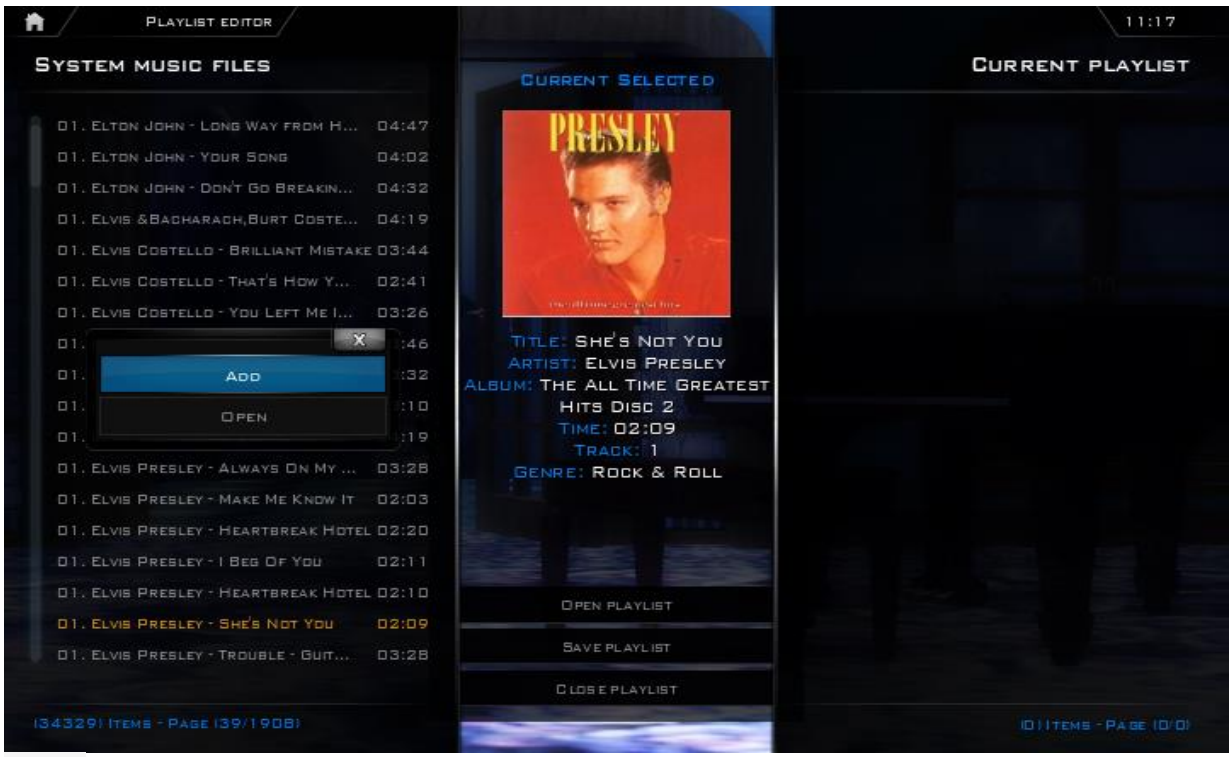
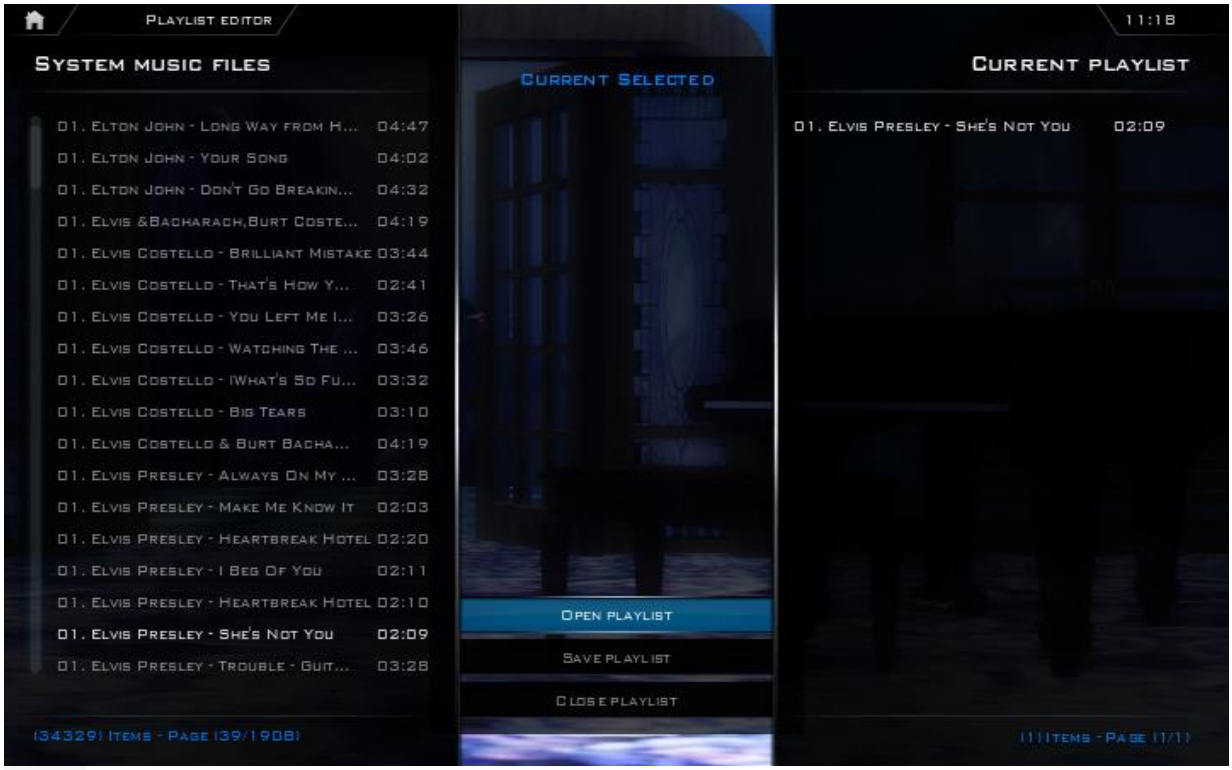
Select some content on the left part of the screen. To add them to the playlist, press C. The following window appears:


PLAYLIST EDITOR
SYSTEM MUSIC FILES
01. ELTON JOHN - LONG WAY FROM H... 04:47
01. ELTON JOHN - YOUR SONG 04:02
01. ELTON JOHN - DON'T GO BREAKIN... 04:32
01. ELVIS &BACHARACH,BURT COSTE... 04:19
01. ELVIS COSTELLO - BRILLIANT MISTAKE 03:44
01. ELVIS COSTELLO - THAT'S HOW Y... 02:41
01. ELVIS COSTELLO - YOU LEFT ME I... 03:26
ADD
OPEN
01. ELVIS PRESLEY - ALWAYS ON MY ... 03:28
01. ELVIS PRESLEY - MAKE ME KNOW IT 02:03
01. ELVIS PRESLEY - HEARTBREAK HOTEL 02:20
01. ELVIS PRESLEY - I BEG OF YOU 02:11
01. ELVIS PRESLEY - HEARTBREAK HOTEL 02:10
01. ELVIS PRESLEY - SHE'S NOT YOU 02:09
01. ELVIS PRESLEY - TROUBLE - GUIT... 03:28
(34329) ITEMS - PAGE (39/1908)
CURRENT SELECTED
TITLE: SHE'S NOT YOU
ARTIST: ELVIS PRESLEY
ALBUM: THE ALL TIME GREATEST HITS DISC 2
TIME: 02:09
TRACK: 1
GENRE: ROCK & ROLL
OPEN PLAYLIST
SAVE PLAYLIST
CLOSE PLAYLIST
11:17
CURRENT PLAYLIST
(0) ITEMS - PAGE (0/0)
Fig. 16

Choose ADD to add selected song to the current playlist. This selection will appear on the left of the screen.


PLAYLIST EDITOR
SYSTEM MUSIC FILES
01. ELTON JOHN - LONG WAY FROM H... 04:47
01. ELTON JOHN - YOUR SONG 04:02
01. ELTON JOHN - DON'T GO BREAKIN... 04:32
01. ELVIS &BACHARACH,BURT COSTE... 04:19
01. ELVIS COSTELLO - BRILLIANT MISTAKE 03:44
01. ELVIS COSTELLO - THAT'S HOW Y... 02:41
01. ELVIS COSTELLO - YOU LEFT ME I... 03:26
01. ELVIS COSTELLO - WATCHING THE ... 03:46
01. ELVIS COSTELLO - WHAT'S SO FU... 03:32
01. ELVIS COSTELLO - BIG TEARS 03:10
01. ELVIS COSTELLO & BURT BACHA... 04:19
01. ELVIS PRESLEY - ALWAYS ON MY ... 03:28
01. ELVIS PRESLEY - MAKE ME KNOW IT 02:03
01. ELVIS PRESLEY - HEARTBREAK HOTEL 02:20
01. ELVIS PRESLEY - I BEG OF YOU 02:11
01. ELVIS PRESLEY - HEARTBREAK HOTEL 02:10
01. ELVIS PRESLEY - SHE'S NOT YOU 02:09
01. ELVIS PRESLEY - TROUBLE - GUIT... 03:28
(34329) ITEMS - PAGE (39/1908)
CURRENT SELECTED
OPEN PLAYLIST
SAVE PLAYLIST
CLOSE PLAYLIST
11:18
CURRENT PLAYLIST
01. ELVIS PRESLEY - SHE'S NOT YOU 02:09
(1) ITEMS - PAGE (1/1)
Fig. 17

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After creating playlist, select Save Playlist on the center of the screen. Enter the name you wish to give your playlist and press OK. You will find your new playlist saved.

If you want to create an Smart playlist, select New Smart Playlist… option.

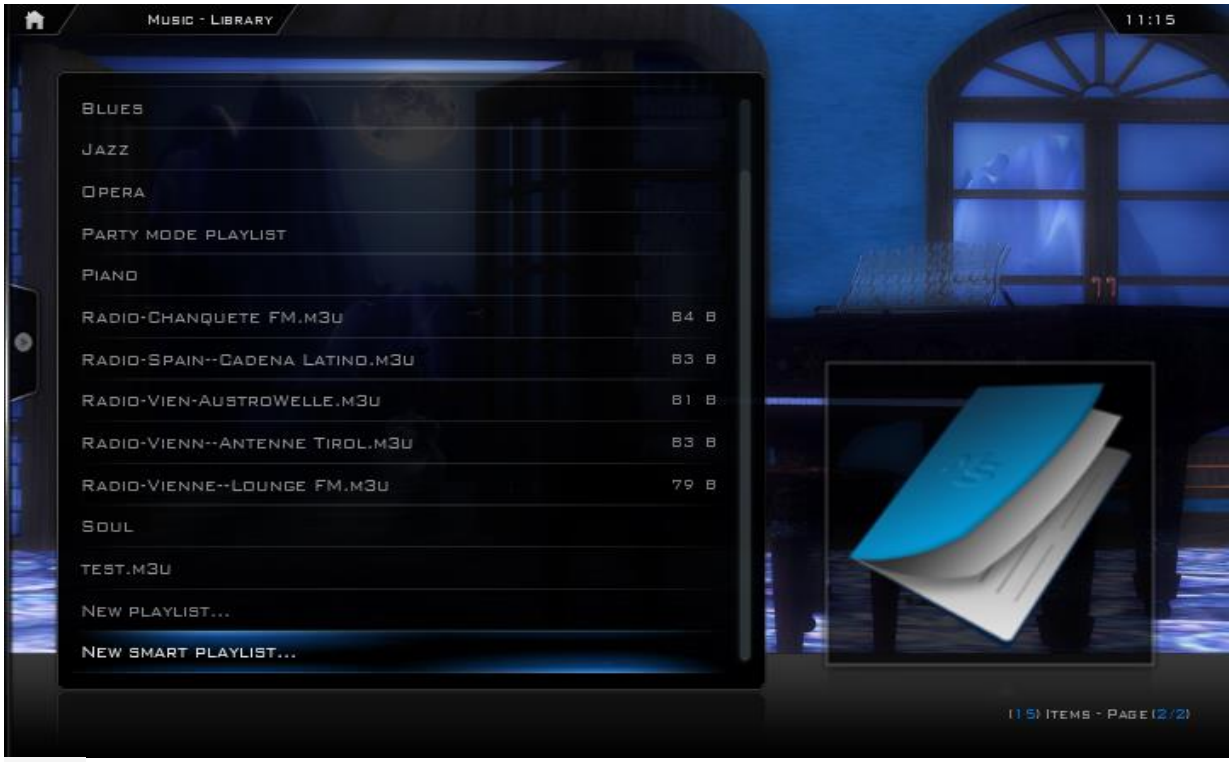

Fig. 18

A pop-up window of options will appear.

Fig. 19

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First option allows you to select the type of content which you wish to be added to the new playlist. You can choose from three options “songs/mixed/albums”.

After selecting the type of content, enter a name for your playlist.

Enter now the rules and filters in order to make your playlist. If you click on the New Rule, next pop-up window will appear.

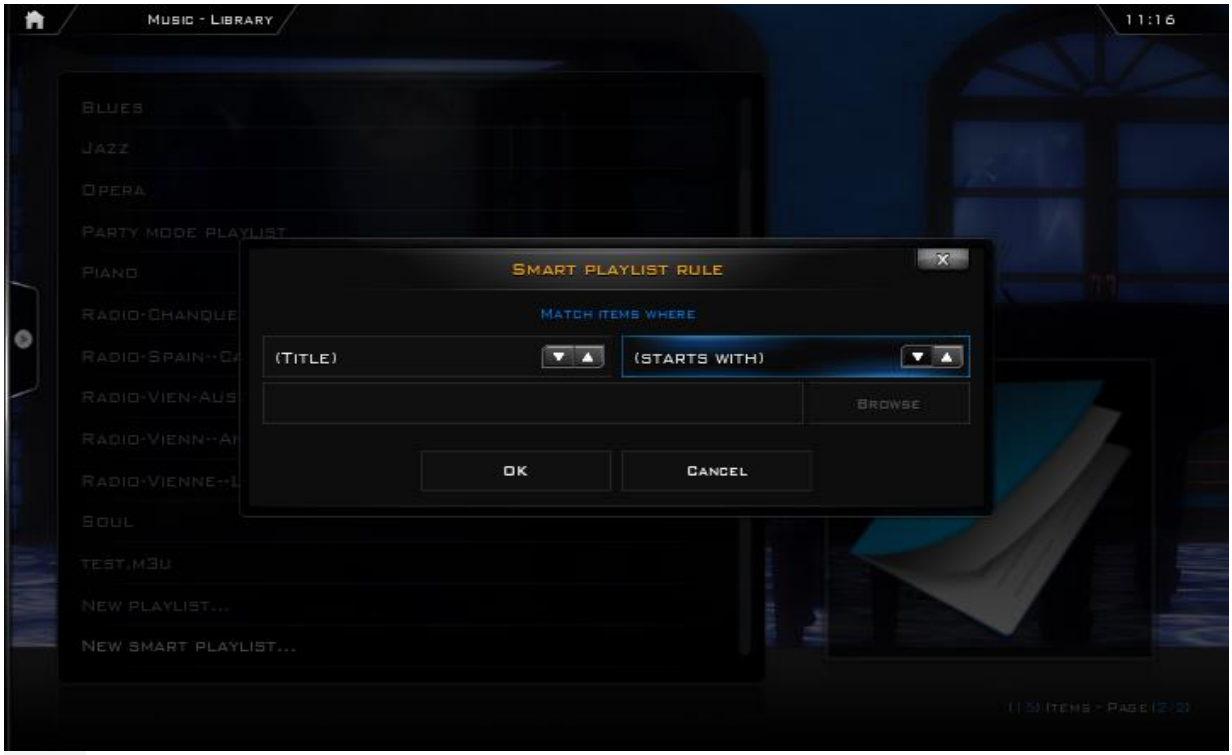

Fig. 20

In the first filter level you can choose from title/genre/playlist/comment/rating/last played/play count/path/File/Track/duration/year. In the second you can choose from Starts with/is/ends with/Does not contain/contains/is not. Now you can write below your selection criteria. Then press OK.

Note that you can delete and edit your filters in order to change content of the playlist.

You can limit the size of your playlist by selecting Limit option. Also you can also order playlist by several options, ascending or descending mode.

When you finish with entering options press OK.

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5 Settings

Default settings of your MediaV are valid for an optimal use of the system. However, you can change them at any time.

Select SYSTEM from the main menu. You can see following screen:

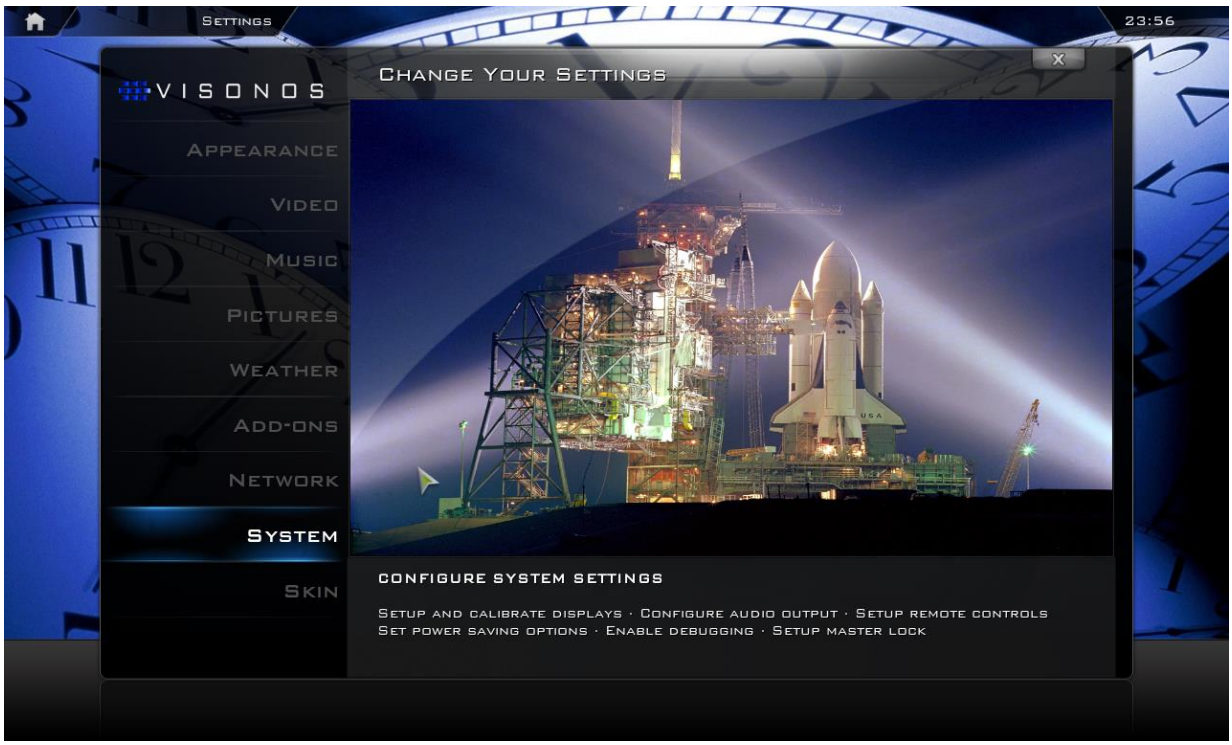

Fig. 21

In order to configure weather locations, select Weather option. You can change the settings.

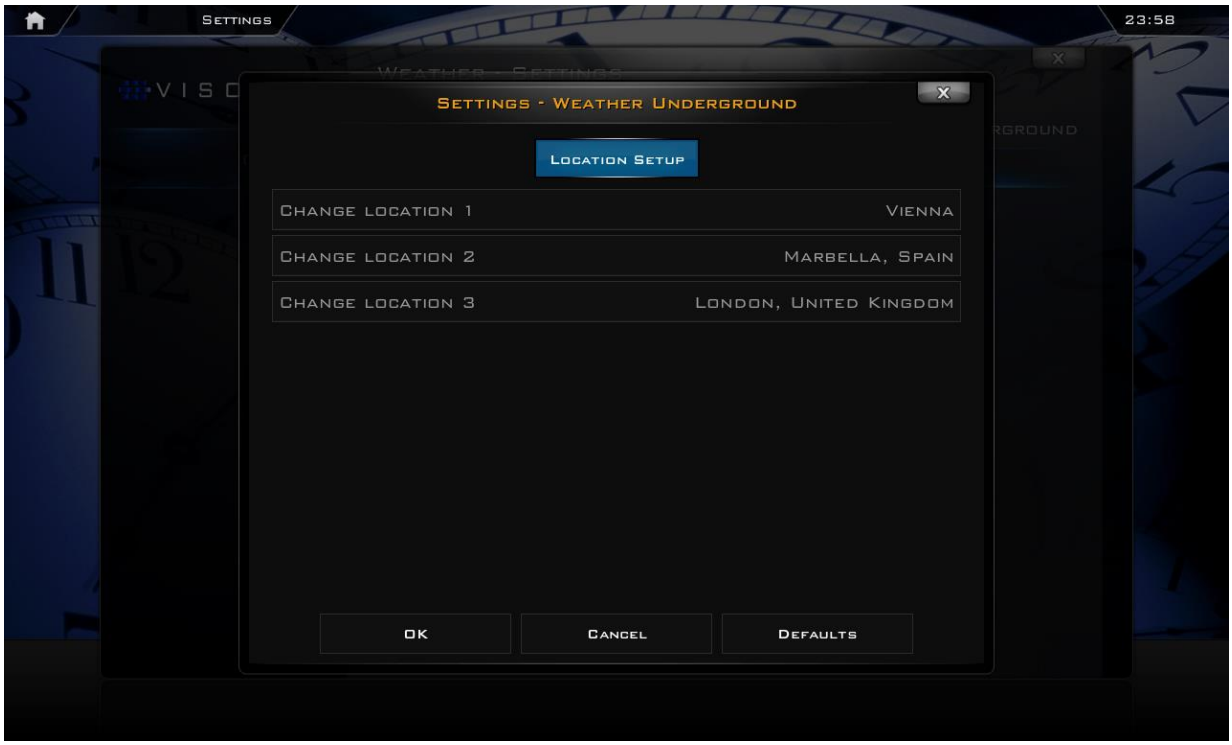

Fig. 22

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System info

Use system information in order to know how your MediaV is working and also if any problem is occurring. You can access from de SYSTEM main menu and clicking on the system info option.

Fig. 23

Fig. 24

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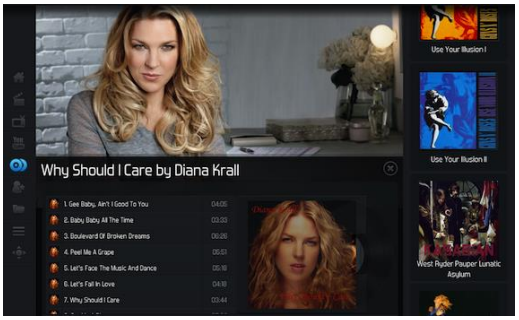
6 Control MediaV using i-Pad/i-Phone

To control your MediaV from your i-Pad, i-Pod or i-Phone you should download the Constellation application from the App Store. The basic download is free but we recommend that you upgrade to the paid version for maximum stability and performance.



Make sure that your Tablet or Smartphone is connected to the WiFi network. Click over the connection icon (Fig. 16) and scan your Visonos Host. Then you must Introduce correct parameters depending of your network.

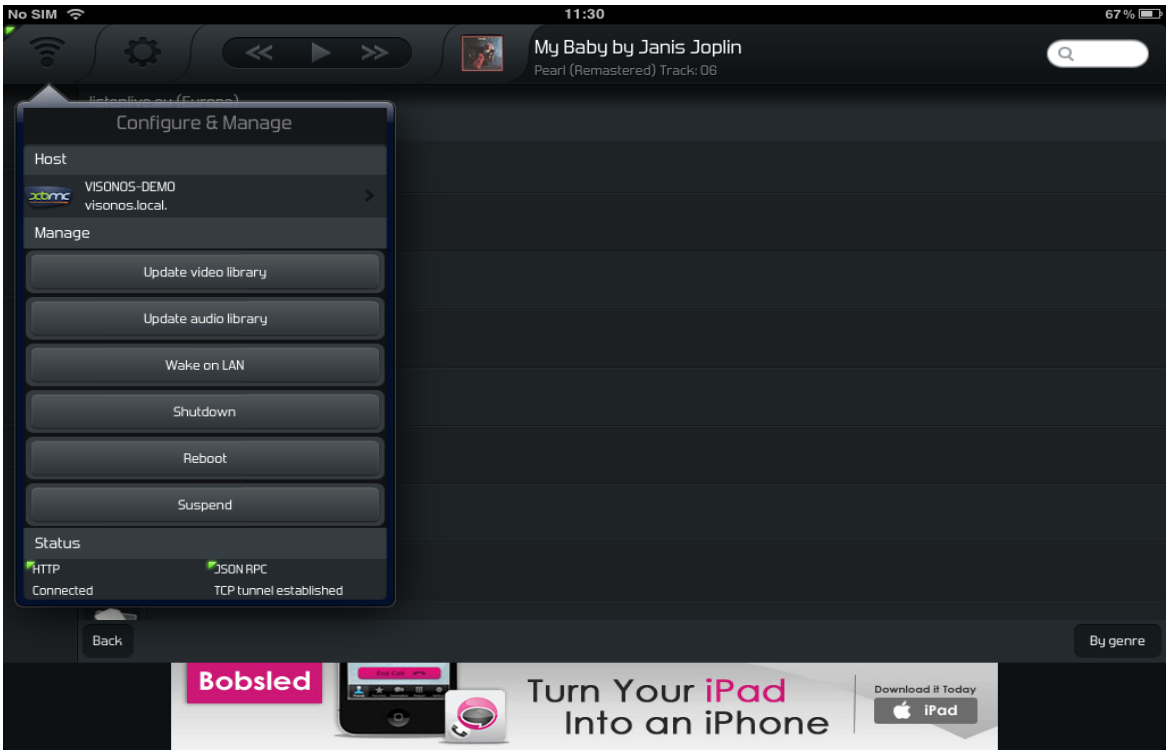


Fig. 25

Name: (Introduce any name.. If you install more than one mediaV It's strongly recommended to use a zone name. e.g. Living room, kitchen, Terrace, etc…). See Fig. 17.
Port: 8080
User: visonos
Password: (no password is defined in default settings).

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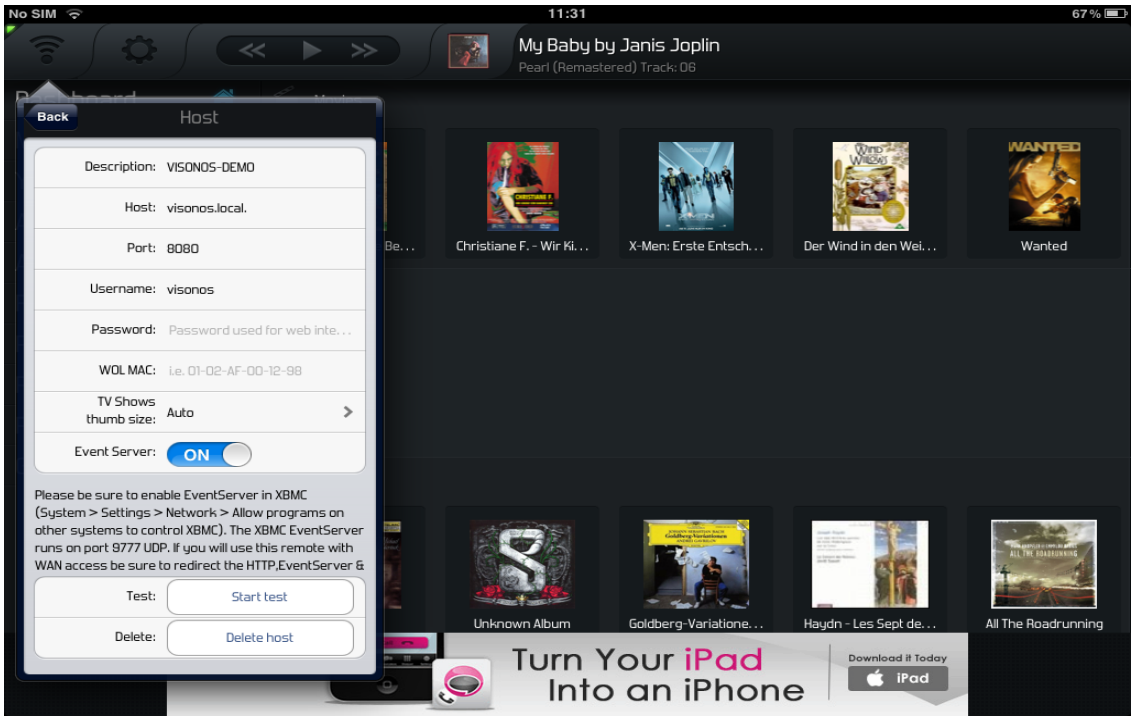
No SIM
11:31
67 %
My Baby by Janis Joplin
Pearl (Remastered) Track: 06
Back
Host
Description: VISONOS-DEMO
Host: visonos.local.
Port: 8080
Username: visonos
Password: Password used for web inte...
WOL MAC: i.e. 01-02-AF-00-12-98
TV Shows thumb size: Auto
Event Server: ON
Please be sure to enable EventServer in XBMC (System > Settings > Network > Allow programs on other systems to control XBMC). The XBMC EventServer runs on port 9777 UDP. If you will use this remote with WAN access be sure to redirect the HTTP,EventServer &
Test: Start test
Delete: Delete host
Christiane F. - Wir Ki...
X-Men: Erste Entsch...
Der Wind in den Wei...
Wanted
Unknown Album
Goldberg-Variatione...
Haydn - Les Sept de...
All The Roadrunning
Turn Your iPad Into an iPhone
Download it Today
iPad
Fig. 26

You can test the right connection by clicking “Start Test” button. If the result of the test is OK you can browse and enjoy media contents inmediately.

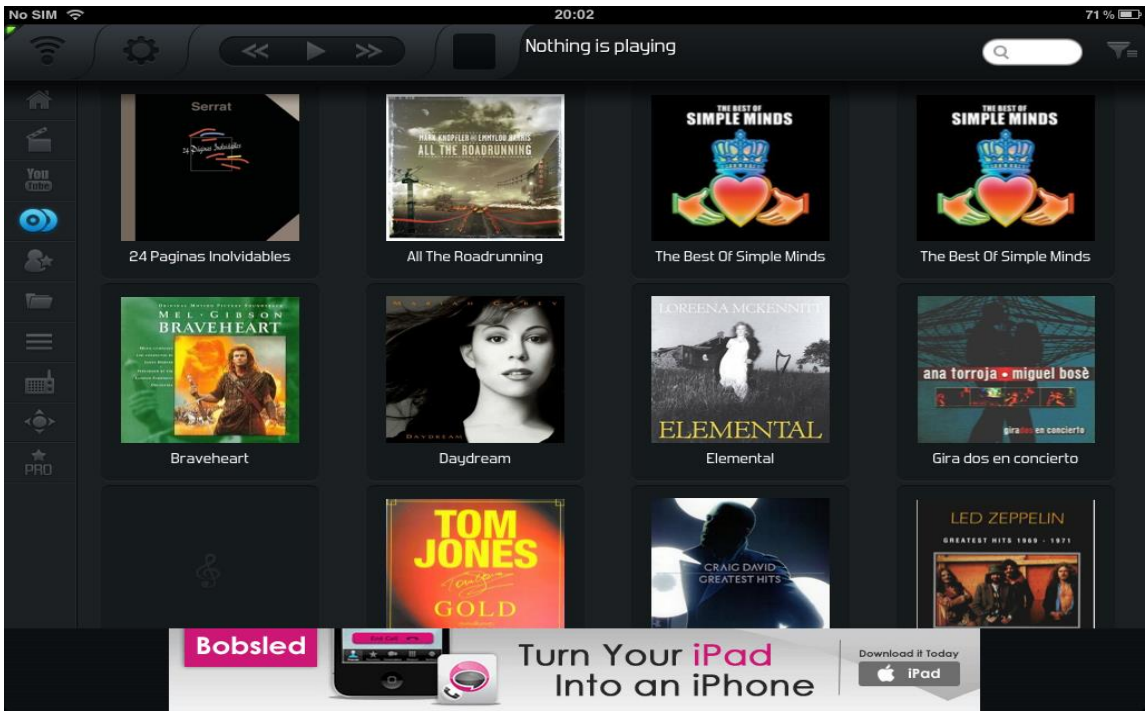

Fig. 27

Note that you can manage the application using the main menu on the left of the screen.

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Go home

Movies

Play Youtube

Music

Files

Play Lists

Radio Internet

Use i-Pad as a Remote Control (See Fig. 19)

Purchase version Pro (without advertising)

Fig. 28

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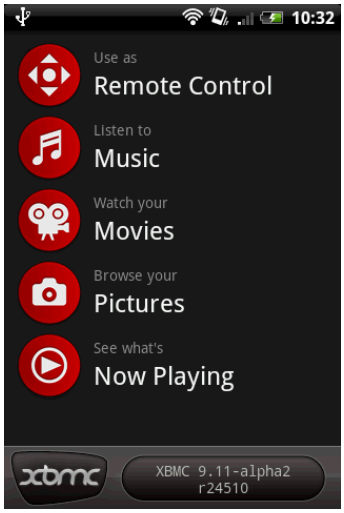
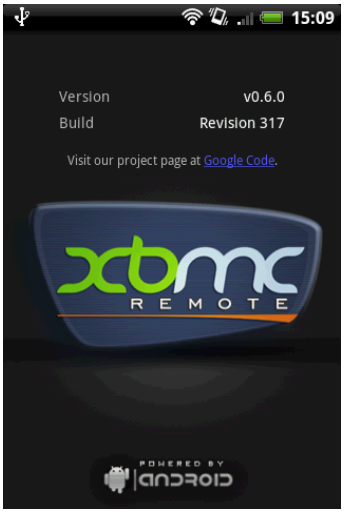
7 Control MediaV from Android

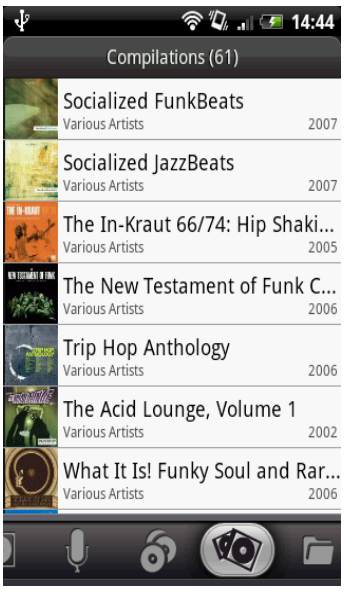
To control your MediaV from an Android tablet or smartphone you should download the free Official XBMC Remote control application from de Android Market.





You must configure your wireless device adding your xbmc host. Add one host for every mediaV that you are installing on your network. Introduce a zone (e.g. Living room, kitchen, etc…) and set the IP of your mediaV. Then introduce user and password (default settings are user: visonos and no password).

Once connected, you can control your MediaV viewing on your Android library with info and thumbs.



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8 Playing Contents from your Tablet or Smartphone (Airplay by Apple)

Apart of the network contents, you can play music, pictures or videos stored in your wireless tablet or Smartphone on your MediaV.

You only need to find a song, picture or video in your tablet or Smartphone and select your mediaV in the list of players using Airplay button

Fig. 29

Make sure that your wireless device is correctly connected to the WiFi network.

You can consult the user manual of your tablet or Smartphone to learn more about how to play content on other players.

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9 Technical specifications

Audio
Built in amplifier: class D. 2 x 10W
Speakers connection: spring binding posts L+R stereo
Line OUT: HDMI / Coax / Optical / 8 high definition audio channels
Line in: analog (mini jack stereo) autosense

Music
Services supported: depending of installed add-ons
Radio Internet: .STRM, .M3U, .PLS
audio formats supported: MIDI, AIFF, WAV/WAVE, AIFF, MP2, MP3, AAC, AACplus (AAC+), Vorbis, AC3, DTS, ALAC, AMR, FLAC, Monkey's Audio (APE), RealAudio, SHN, WavPack, MPC/Musepack/Mpeg+, Shorten, Speex, WMA, IT, S3M, MOD, XM, NSF, SPC, GYM, SID, Adlib, YM, ADPCM, and CDDA.
Playback modes: Shuffle, repeat
Playlists supported: M3U, PLS, CUE, URL, STRM

Video
Services supported: Depending of installed add-ons
Video OUT: HDMI / DVI / VGA
video formats supported: MPEG-1, MPEG-2, H.263, MPEG-4 SP and ASP, MPEG-4 AVC (H.264), HuffYUV, Indeo, MJPEG, RealVideo, RMVB, Sorenson, WMV, CINEPAK.
container formats: AVI, MPEG, WMV, ASF, FLV, MKV/MKA (Matroska), QuickTime, MP4, M4A, AAC, NUT, OGG, OGM, RealMedia RAM/RM/RV/RA/RMVB, 3GP, VIVO, PVA, NUV, NSV, NSA, FLI, FLC, DVR-MS and WTV

Networking
Ethernet LAN: 10/100/1000Mb
Wireless: WIFI b/n optional
network protocol clients: AirPlay/AirTunes,[52][53] UPnP, SMB/SAMBA/CIFS, AFP, DAAP, Zeroconf/Avahi/Bonjour, NFS, HTTP, HTTPS, FTP, RTSP (RTSPU, RTSPT), MMS (MMSU, MMST), Podcasting, TCP, UDP, SFTP, RTP and RTMP (including RTMP, RTMPT, RTMPE, RTMPTE, RTMPS[54]), DHCP, NTP
Network protocol servers: JSON-RPC server, D-Bus server, Web server, FTP Server and UPnP AV media server

General
Dimensions (H x W x D): 60 x 200 x 225 mm
Weight: 2,6 Kg
Power supply: AC adapter 12V/5A
Front panel button: ON/OFF
USB ports: 2 x USB 2.0 high speed
Product finish: Aluminium 3,5mm thickness
Operating temperature: 0ºC - 65ºC
Multi-language supported: English, German, French, Spanish, Italian, Portuguese, Swedish, Russian, Japanese, Chinese, Danish, and Finnish.

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10 Important safety information

Please read these instructions and heed all warnings. Keep them in a convenient location and make sure everyone in the household is aware of them.

Location

•The product should not be used near water—avoid close proximity to a bathtub, kitchen sink, laundry tub, wet basement, swimming pool, etc.
•Do not place the unit where it will be exposed to excessive heat (e.g., radiators, heat registers, stoves), direct sunlight, or a dusty environment (e.g., woodworking shop.)
•Do not place the unit where it will be exposed to flammable liquids and/or fumes.
•Do not place the unit in a small confined space (e.g., closet or cabinet, under a bed or sofa) where ventilation is restricted.
•Protect the power cable from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where it exits the product. The mains cord should be readily available to disconnect the power.

Ventilation

•Leave 10" of open space around the sides and above the unit to ensure proper ventilation.
•Ventilation should not be impeded by covering the ventilation openings with items such as tablecloths, curtains, or papers.
•Do not let foreign objects into the unit. If a foreign object should get into the unit, unplug the unit and contact Visonos for servicing guidance.

Usage

•Do not operate or handle the product with wet hands.
•Do not place any object on top of the product (e.g. vase, coffee cup, potted plant, books, magazines, etc.)
•Only use attachment/accessories specified by Visonos.
•Unplug the power cord during lightning storms or when unused for long periods of time.
•Never disassemble or modify the product in any way.

Cleaning & Maintenance

•Keep the unit free from dust, pet hair and other fine particles.
•Wipe only with a soft, dry cloth.
•Do not use chemical solvents (e.g. alcohol, benzene, paint thinner) or other flammable cleaning liquids to clean the product.
•Refer all servicing to Visonos qualified service personnel. Servicing is required when the unit or the power cord has been damaged in any way, if liquid or other foreign matter has fallen into the ventilation openings, or the unit has been exposed to rain or moisture.

WARNING: To reduce the risk of fire or electric shock, do not expose this device to rain or moisture.

Smart Living Iberia, S.L.
Reserva de Alcuzcúz, 12 29670 Benahavís – Málaga (SPAIN)
Email: info@visonos.com / WEB: www.visonos.com
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